



INDOFINE Chemical Company, Inc.

121 Stryker Lane, Bldg. 30, Suite 1 • Hillsborough, NJ 08844 • U.S.A.

Phone: (908) 359-6778 • FAX: (908) 359-1179

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CERTIFICATE OF ANALYSIS

Catalog Number: D-116

Product Name: **5,6-DIHYDROXY-7-METHOXYFLAVONE**
(Baicalein-7-methyl ether)

Cas Number: [29550-13-8]

Lot Number: 0902045

Chemical Formula: C₁₆H₁₂O₅

Molecular Weight: 284.27

Melting Point: 216-218°C

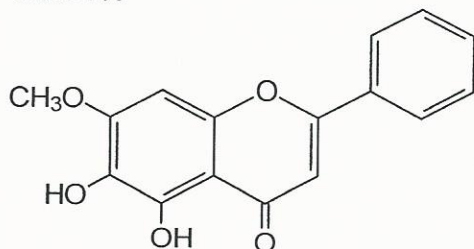
Appearance: Yellow crystalline powder

Solubility: Soluble in DMSO

TLC: Hexane : Ethyl acetate (1:1) Single compound

Storage: Store in a cool, dry place

Purity(HPLC): 98.91%



ICG **INDOFINE Chemical Company, Inc.**

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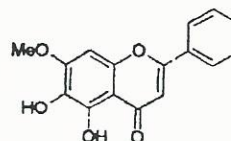
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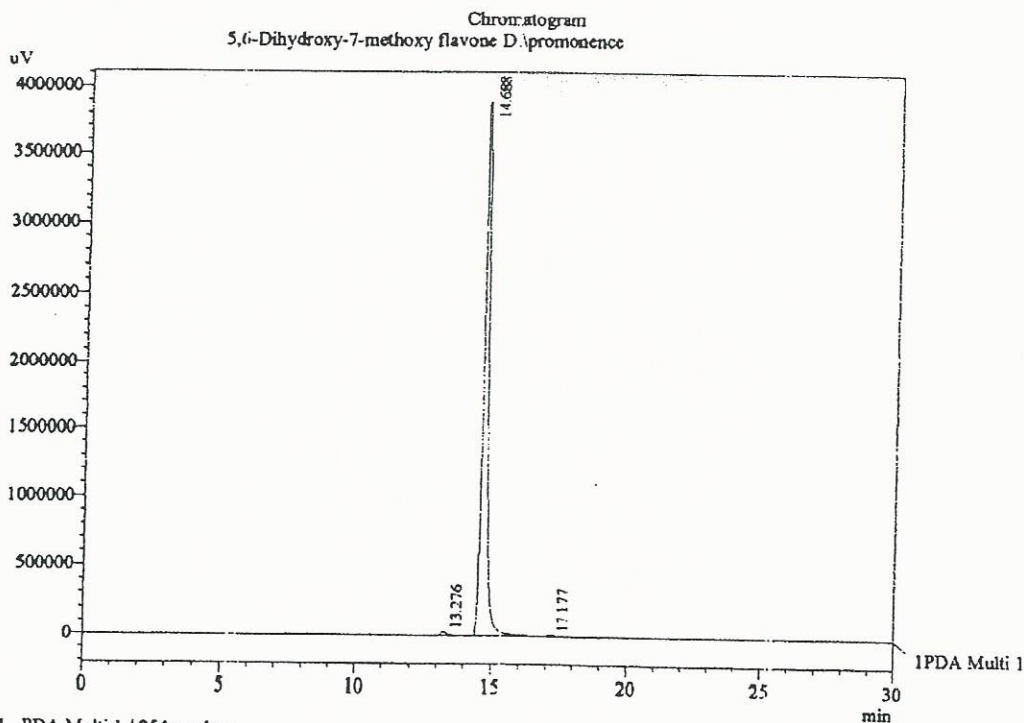
Cat. No.: D-116
Product: 5,6-Dihydroxy-7-methoxyflavone
Lot No.: 0902045

Acquired by : Ramana
Sample Name : 5,6-Dihydroxy-7-methoxy flavone
Sample ID :
Injection Volume : 20 μ L
Data Filename : 100209B.lcd
Method Filename : Linear Gradient.M.lcm



5,6-Dihydroxy-7-methoxy flavone

Description:
Column : Inertsil C-18, 250X4.6mm 5.0 μ m
Flow : 1.000mL/min.
Mobile Phase : A(Water 0.05% TFA) : B(ACN)
00.01 : 90 : 10
12.00 : 10 : 90
25.00 : 10 : 90
28.00 : 90 : 10



1 PDA Multi 1 / 254nm 4nm

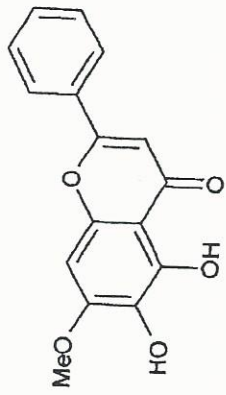
PeakTable

Ch1 254nm 4nm

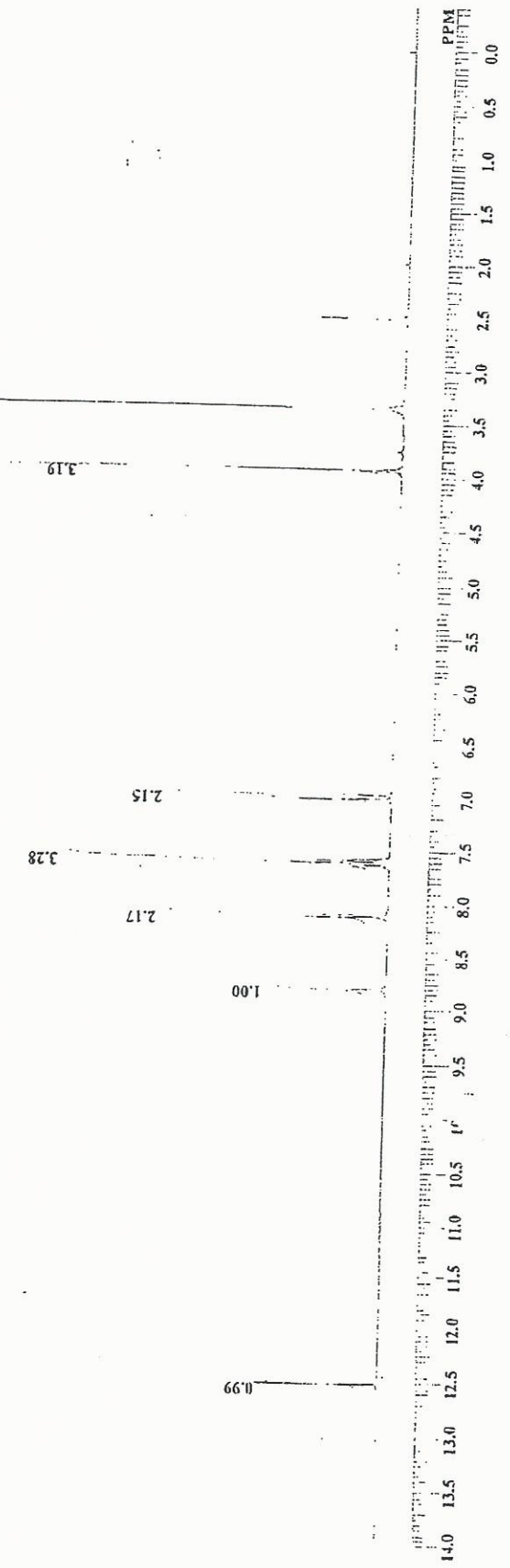
Peak#	Ret. Time	Area	Height	Area %
1	13.276	456262	27638	0.860
2	14.688	52455596	3893784	98.911
3	17.177	121316	8578	0.229
Total		53033174	3930000	100.000

Flavone IHNMR DMSO-D6

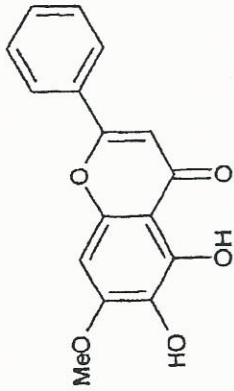
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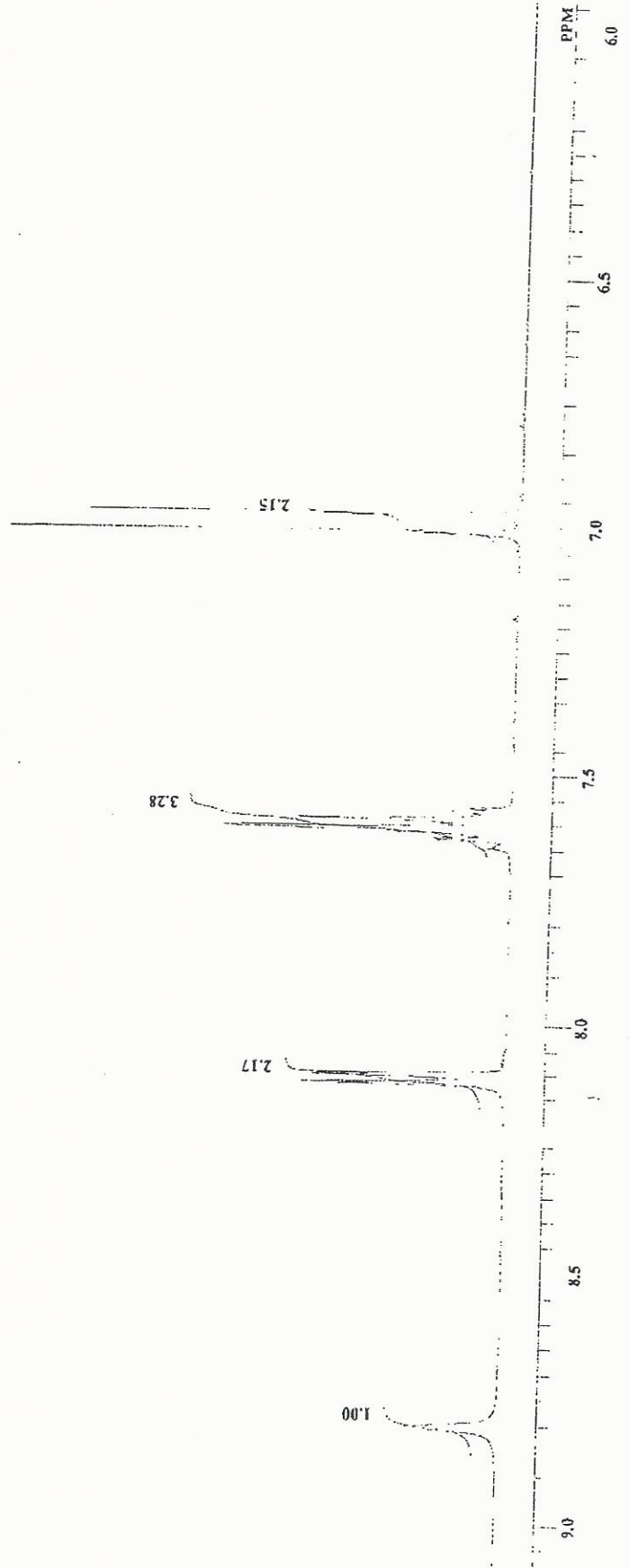
5,6-Dihydroxy-7-methoxy flavone



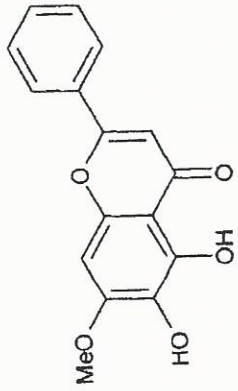
Cat. No.: D-116
Product: 5,6-Dihydroxy-7-methoxyflavone
Lot No.: 0902045



5,6-Dihydroxy-7-methoxy flavone



Cat. No.: D-1116
Product: 5,6-Dihydroxy-7-methoxyflavone
Lot No.: 0902045



5,6-Dihydroxy-7-methoxy flavone

